

Abstract of the Disclosure;

The disclosure is concerned with an electron microscope comprising a casing for encasing an assembly and a display disposed to the casing. The assembly comprises a vacuum container, a vacuum pump for evacuating the vacuum container, an electron emitter disposed at the upper position of the vacuum vessel, a sample chamber disposed at the lower position of the vacuum container and capable of projecting from the casing and a detector for detecting an electron beam emitted from a sample placed in the sample chamber.